



AT1280H 1.3Megapixel Thermography Further distance measurement, Sharper than ever

Precise and reliable infrared temperature measurement

- Measuring precision:±0.3°C
- High measuring precision for accurate thermographic data
- Tell subtle differences in facial details, provide accurate and reliable thermographic results

Longer detection distance

- Temperature measuring distance: 20m
- 1.3-megapixel camera for longer distance detection
- Meet safety requirements at the frontline of epidemic prevention

Quick pass at checkpoints

- Improve traffic at checkpoint: 600 persons/minute
- Wider 1.3-megapixel FOV, allowing more people to pass
- Higher passing speed, reducing the risk of cross infection

1280×1024 temperature data

- Built-in InfiRay® 12μm 1280×1024 detector
- 1.3-megapixel temperature data of high sensitivity and high frame rate
- High definition and delicate images, accurate and reliable data for temperature measurement

Intelligent image processing

- Professional & intelligent image algorithm for in-depth application in image processing
- Every infrared image is a masterpiece chosen carefully
- Present ultra-clear details under various harsh conditions

Patented temperature measuring algorithm

- High-performance and stable hardware capacity
- Professional patented temperature algorithm
- Reliable and stable temperature data

| Specifications | | |
|--------------------------------|--|--------------------|
| Mode | AT1280 | AT600 |
| Specification | | |
| Detector | VOx uncooled thermal FPA | |
| Resolution | 1280×1024 | 640×512 |
| NETD | ≤50mK @25°C, F#1.0 | ≤40mK @25°C, F#1.0 |
| Temperature Measurement | | |
| Measurement range | 0°C~60°C | 0°C~50°C |
| Accuracy | ±0.3°C@ 33°C~42°C of target temperature(with blackbody) | |
| Flux | >600people/minute | >200people/minute |
| Measurement mode | Intelligent human face tracking and measuring | |
| High temperature alarm | pop-up window alarm, sound alarm, color alarm, high temperature snapshot alarm | |
| Connector | | |
| Network Protocol | TCP、UDP、DHCP、RTSP | |
| Network connector | RJ45 | |
| Lens | | |

| | | |
|--------------------------------|--|--|
| Focal length | 19mm | 7.8mm/10.6mm/13mm/15mm/19mm |
| FOV | 44°×35.8° | 34.2°×27.4° |
| Focus | Auto focus/manual focus | |
| Image Adjustment | | |
| Brightness/contrast adjustment | Manual/Auto 0 (default)/Auto 1 | |
| Polarity/pseudo color | Black hot/white hot; support 14 kinds of pseudo-colors | Black hot/white hot; support 18 kinds of pseudo-colors |
| Image flip | Left-right/up-down/diagonal | |
| Power Supply | | |
| Power voltage | 6~16V DC | 10~36V DC |
| Typical consumption @25°C | ≤4.5W | ≤3.3W |
| Power protection | Support over-voltage, under-voltage, reverse connection protection | |
| POE | Support | |
| Physical Character | | |
| Dimension(length×width×height) | 62×70×130(mm) | 55×55×110(mm) |
| Environment Adaptation | | |
| Working temperature | 10°C~40°C (Accurate Measurement @16°C~32°C) | -10°C~+60°C (Accurate Measurement @16°C~32°C) |
| Storage temperature | -20°C~+65°C | |
| Shock | 30g, 11ms, all axes | |
| Vibration | 4.3grandom vibration, all axes | |
| Humidity | 5%~70%, non-condensing | 5%~95%, non-condensing |
| Software Support | | |

| | |
|--------------------------------|---------|
| SDK | Support |
| Professional analysis software | Support |

Product consulting

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